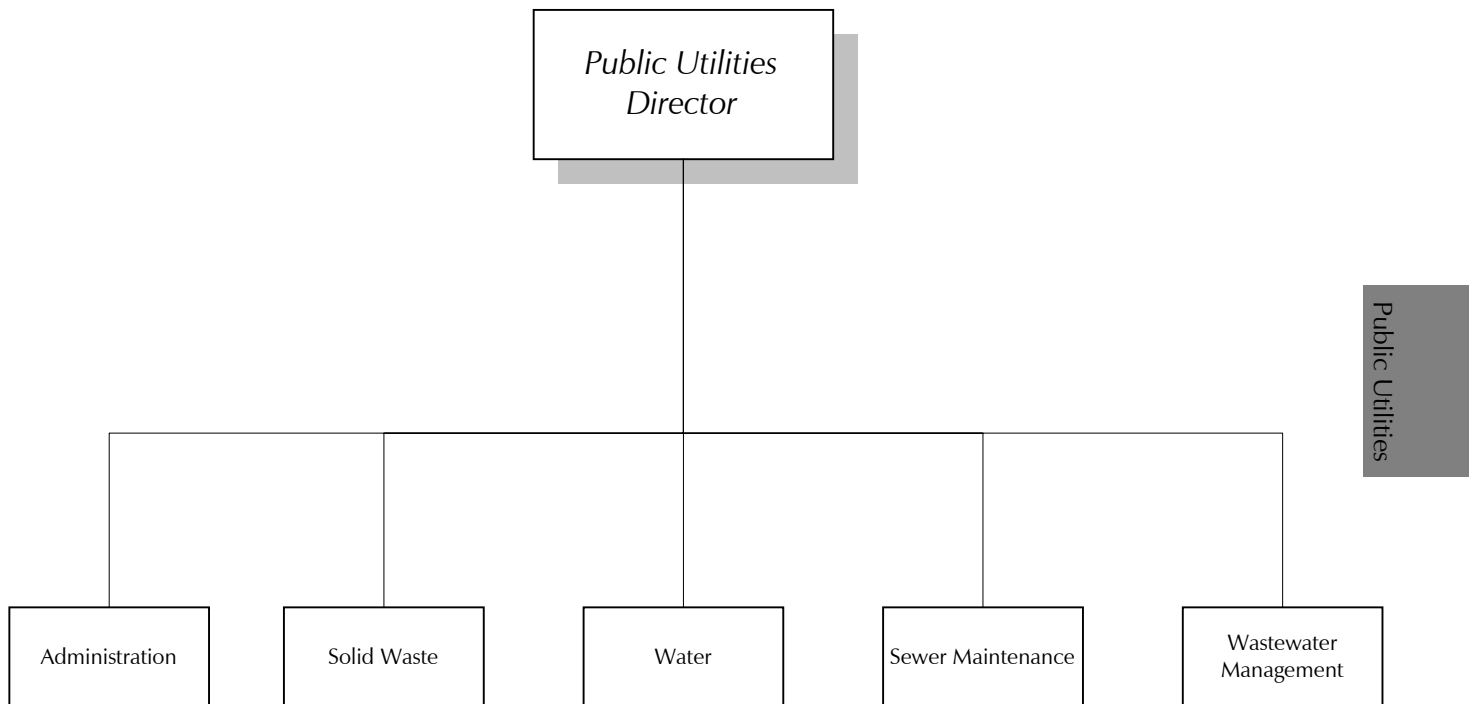


DEPARTMENT OF PUBLIC UTILITIES



DEPARTMENT OF PUBLIC UTILITIES

Department Summary

It is the Department of Public Utilities' mission to ensure the health and safety of our community through the delivery of quality utility services. The Bi-Monthly Utility Rates have been restructured in FY 02. The final bill to the customers will increase \$3.94 for a total of \$106.52. Due to increased expansion, increases in utility costs and natural deterioration of the infrastructure, the Water customer service rates are being increased eight percent - from \$24.22 to \$26.16 every other month. The water rates have not increased since 1994 and remain among the lowest in the State. The Department of Housing and Neighborhood Revitalization's Community Sanitation customer service charge is being increased 16 percent - from \$12.48 to \$14.48 every other month. Increased responsibilities and scope of duties over the last few years have depleted the reserves that have kept this rate stable since 1996. The Wastewater/Sewer customer service rate will remain at \$33.00, and the Solid Waste rate will remain at \$32.88. Ongoing analysis will continue in FY 02 to reevaluate the long term strategy for the City's Utility programs and rate structure.

In FY 01, the Department sponsored a Citywide analysis to develop a strategic roadmap for leveraging the best value from current and future information technology investments. In FY 02 the Department will implement a state of the art work-management system to enhance efficiencies. The Department is committed to providing reliable, efficient, low cost water, wastewater and solid waste services. The Department will be focusing its efforts in the following areas:

Water Division

The Water Division manages water resources to ensure a safe, reliable and affordable supply. The division continues to set the statewide benchmark for efficiency and low water rates, while making essential infrastructure investments to support economic development. Groundbreaking for the City's first surface water treatment facility is anticipated this year. The project is a key element of balancing the City's water budget and reversing a 70-year decline in groundwater elevations. Continued implementation of the plume management and wellhead treatment elements of the Metropolitan Water Resource

Management Plan will help protect Fresno's groundwater from migrating contaminants.



Water Systems

Public Utilities

One of the most notable accomplishments of FY 01 was successful negotiation and Federal legislation which resulted in a \$22 million dollar reduction in debt associated with the City's CVP water supply contract. In FY 02 the Division will focus on negotiating another \$7 million in potential reductions and on renewal of this essential 60,000 acre feet water supply contract to ensure an adequate water supply for the community.

Depending on the extent, duration and conservation response anticipated, rotating blackouts may have a significant impact on meeting water supply demands. The Division will implement broad measures to promote water and energy conservation. Short-term measures will be necessary to maintain adequate water pressure during rolling blackouts. To ensure basic water services are not interrupted during an extended power outage, 29 emergency back-up generators have been installed at key well sites. These stations can provide up to 75 percent of winter demand. Mitigation of any extended widespread power outage in the summer would require implementation of emergency conservation measures to reduce demand to winter levels.

Sewer Maintenance Division

DEPARTMENT OF PUBLIC UTILITIES

The Sewer Maintenance Division continues performance driven productivity improvements, incorporating emerging technological processes to improve customer service.

Responses to resolve problems within 24 hours is the



Hydro Flusher Truck

goal set by this division. This will be accomplished with the implementation of a Computerized Maintenance and Management System (CMMS), which effectively schedules resources to target the priority service areas.

Planned implementation of the City's first Root Control program, will reduce Special Request for City Services for mainline blockage.

A proposed study of collection system assets (Collection System Master Plan), will provide for a capacity study, a flow model, an ongoing/long-term O&M/Capital needs and risk assessment, and a dynamic fund source model capable of meeting those needs.

Wastewater Management Division

The Wastewater Management Division continues its pursuit of improvement efficiencies through FY 02. This includes identifying and implementing private sector business practices that are required to do business in today's competitive environment as well as using automation to improve the efficiency of plant processes and reduce cost, including completing the implementation of Operator 10. This is a system used to collect, analyze and report plant process and regulatory data.

Staff continues to partner with the Regional Water Quality Control Board to adopt new Waste Discharge



Wastewater Maintenance

Requirements for the Treatment Facility.

Solid Waste Division

The Solid Waste Division is committed to providing a cost effective and efficient customer service operation.

In FY 01 the Division rolled out the largest single program in the City's history, delivery and rerouting for 180,000 new recycling and green waste carts to comply with new state mandates. As a consequence, each week the Division is now diverting from landfills, 250 tons of recyclable materials and 1,000 tons of green waste. In FY 02 they will continue to implement new programs necessary to satisfy AB 939, which mandates recycling and other diversion programs equal to 50 percent of our waste stream. The Solid Waste Division will initiate new commercial recycling programs to assist our commercial, industrial, and multi family customers in reducing their solid waste collection costs and increasing the amount of landfill diversion. The opening of a green waste processing facility is expected to handle the City's green waste recycling needs.

DEPARTMENT OF PUBLIC UTILITIES

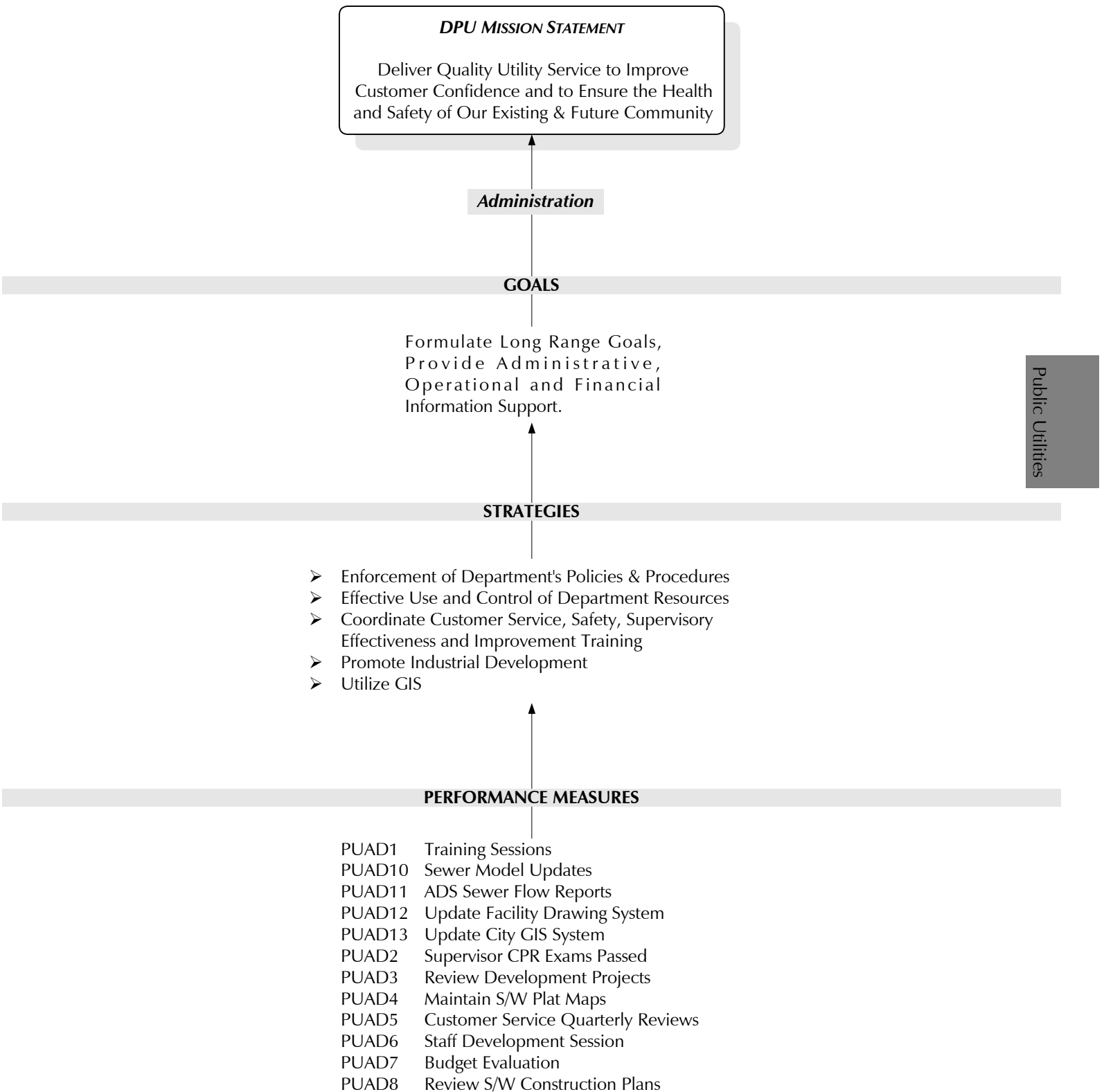
Department Appropriation and Position Summary

	FY 00 Actuals	FY 01 Amended	FY 02 Proposed
Operating Appropriations	\$ 82,725,300	\$ 88,328,200	\$ 94,330,600
Capital	\$ 54,979,100	\$ 75,848,700	\$ 76,083,100
Debt Service	\$ 6,754,400	\$ 8,769,900	\$ 26,363,000
Total FTEs	556.20	552.57	541.05

Operating Resources

Funding	FY 00 Actuals	FY 01 Amended	FY 02 Adopted	Percent Change
Public Utilities Administration Fund	\$ 1,703,900	\$ 1,875,200	\$ 1,919,000	2.3
Water Enterprise Fund	24,700,300	27,684,300	29,440,500	6.3
Solid Waste Enterprise Fund	32,111,100	32,757,500	36,209,000	10.5
Wastewater Enterprise Fund	24,210,000	26,011,200	26,762,100	2.9
Total Operating Resources	\$ 82,725,300	\$ 88,328,200	\$ 94,330,600	6.8

DEPARTMENT OF PUBLIC UTILITIES



DEPARTMENT OF PUBLIC UTILITIES

ADMINISTRATION DIVISION

The Administration Division coordinates the delivery and development of the City's utility services, providing support and oversight to the four operating divisions within the Utilities Department. Administration sponsors organizational development and training throughout the department.

The Utility Planning & Engineering (UP&E), a section within the Administration Division, is responsible for review and coordination of sanitary sewer and water requirements and planning future expansion of the sanitary sewer system. UP&E also develops and maintains the Department's infrastructure assets and spatial data in a Geographical Information System and maintains a Sewer System Model for analyzing capacity of the Sanitary Sewer System.

Division Appropriation and Position Summary

	<u>FY 00 Actuals</u>	<u>FY 01 Amended</u>	<u>FY 02 Adopted</u>
Operating	\$1,703,900	\$1,875,200	\$1,919,000
Total FTEs	20.44	22.16	20.00

Objective

Items Adopted to Enhance/Maintain Objective

< Maintain current level of budget evaluations	< Training , travel, and conference	\$ 25,600
< Maintain current level of service of 30 days for GIS mapping	< Computer software	3,500
< Maintain enforcement of department's policies and procedures	< Enclosed office	23,600

Performance Measures

Performance measures tied to the objectives and other significant service level estimates for FY 01 and Adopted for FY 02 are presented in the following table.

	<u>FY 01 Estimates</u>	<u>FY 02 Adopted</u>
Present training sessions as planned	100 percent	100 percent
Review development projects	4	4
Maintain s/w plat mapping	30	30
Divisional budget evaluation	4	4
Review s/w construction plans	5	5

DEPARTMENT OF PUBLIC UTILITIES

Administration Division Appropriations

Council approved the creation of "Budget Hold" contingencies as part of the Adopted budget. Ten percent of an organizational unit's appropriations were reclassified from the Personnel and Non-Personnel object levels into Contingency. It is anticipated that the appropriations will be reclassified back into the Personnel and Non-Personnel object levels upon Council direction, subsequent to further review and evaluation of anticipated revenues to be collected.

Expenditure Category	FY 00 Actuals	FY 01 Amended	FY 02 Adopted	Percent Change
Employee Services	\$ 1,156,300	\$ 1,205,600	\$ 1,193,400	
Purchased Prof and Tech	52,600	47,400	47,400	
Purchased Property Services	800	2,100	1,000	
Other Purchased Services	19,400	32,400	27,600	
Supplies	16,100	36,800	34,300	
Property	0	4,000	0	
Other Objects	15,100	25,100	17,600	
Interdepartmental Charges	443,600	521,800	414,600	
Contingencies	0	0	183,100	
Total Division Costs	\$ 1,703,900	\$ 1,875,200	\$ 1,919,000	2.3

Public Utilities

Division Staffing and Costing

The table shows the FY 02 Full-Time Equivalent (FTE) authorized permanent and temporary positions for the division. For most divisions, the employee services expenditure category will not match this total. The reason is that this report shows a list and the cost of the permanent and temporary positions in this division; it does not include costs for overtime, premium pay, contract extra help, etc., which are included in the employee services total for each division. The "Adopted Average" column reflects the average cost per Adopted FTE position(s) as budgeted. The Type column indicates "F" for Full-time, "P" for Part-time, "I" for Intermittent, and "T" for Temporary.

Type	Job Title	FY 01 FTE	FY 02 FTE	Adopted Average
F	Administrative Clerk II	1.00	1.00	\$ 23,900
F	Assistant Training Officer	1.00	1.00	46,100
F	Assistant Director of DPU	1.00	1.00	90,000
F	Chief Engineering Technician	1.00	1.00	78,600
F	Director of Public Utilities	1.00	1.00	98,000
F	Engineer II	2.00	2.00	54,300
F	Engineering Technician II	2.00	2.00	35,300
F	Executive Secretary	1.00	1.00	42,900
F	Management Analyst II	1.00	1.00	43,800
F	Management Analyst III	1.00	1.00	61,500
F	Programmer/Analyst III	1.00	1.00	51,900
F	Senior Administrative Clerk	1.00	1.00	26,400

DEPARTMENT OF PUBLIC UTILITIES

Administration Division Staffing and Costing (continued)

Type	Job Title	FY 01 FTE	FY 02 FTE	Adopted Average
F	Senior Engineering Technician	3.00	3.00	45,400
F	Senior HR/Risk Analyst	1.00	1.00	55,400
F	Staff Assistant	1.00	1.00	29,900
F	Training Officer	1.00	1.00	65,200
P	Administrative Clerk II	0.50	0.00	0
T	Engineering Aide II	1.66	0.00	0
Total Division FTEs		22.16	20.00	

DEPARTMENT OF PUBLIC UTILITIES

DPU MISSION STATEMENT

Deliver Quality Utility Service to Improve
Customer Confidence and to Ensure the Health
and Safety of Our Existing & Future Community

Water Division

GOALS

Provide a Reliable Supply of Safe, High-
Quality Water to the Community for
Domestic, Commercial and Industrial Use.

Public Utilities

STRATEGIES

- Distribution of Clean & Safe Water
- Maintain Sufficient Ground and Surface Water
- Preservation of the Balance of Natural Resources
- Maintenance & Repair for a Reliable Distribution System
- Educate Customers
- Meet all State & Federal Drinking Water Standards

PERFORMANCE MEASURES

PUWA10	Flushing Mains	PUWA32	Ave. Cost Install 1-2 Service
PUWA16	Institutional Surveys	PUWA34	Ave. Cost Replace Poly Services
PUWA17	Pressure Below 35 PSI	PUWA35	Chlorine Residual Water Sample
PUWA18	KW per Acre Ft. Pumped	PUWA36	No. Well Samples/Staff Hour
PUWA19	Ave SCADA Alarms per Day	PUWA37	Successful SCADA Radio Co
PUWA20	Ave Count Backflow Tests/Hr	PUWA38	CL2 Analyzer Calibration Hrs/Sit
PUWA21	Ave Ct. Backflow Repair/Hr	PUWA39	Manual Soundings/Staff Hour
PUWA22	Ave USA's Completed	PUWA40	Ave Hrs to Install Fire Hydrant
PUWA23	Acre Ft. Water Recharged	PUWA41	Ave Hrs Test/Repair Lg Meter
PUWA25	Ave. Hrs. Res. to Water Waste	PUWA43	Timely Post PS Cost Acct Info
PUWA27	Customers Satisfied	PUWA44	State Backflow Regs Compliance
PUWA28	Ave. Cost Install 4-8 WT	PUWA45	Employee Satisfaction w/ Warehouse
PUWA30	Ave. Cost Install 10-14 WT	PUWA46	SDWA Regulations Compliance

DEPARTMENT OF PUBLIC UTILITIES

WATER DIVISION

The Water Division is responsible for delivering a reliable supply of safe, high-quality water to the Fresno metropolitan area for domestic, commercial, and industrial use. Water quality is assured through treatment, rigorous sampling, and regularly scheduled laboratory analysis of over 125 constituents. More than 250 wells pump groundwater that is distributed through 1,600 miles of water mains. The Division maintains and develops the City's water resources. In FY 02, the Division will continue implementation of the Metropolitan Water Resource Management Plan, including infrastructure development and water supply contract renewals.

Division Appropriation and Position Summary

	<u>FY 00 Actuals</u>	<u>FY 01 Amended</u>	<u>FY 02 Adopted</u>
Operating	\$24,700,300	\$27,684,300	\$29,440,500
Total FTEs	168.75	167.60	160.50

Objective

Items Adopted to Enhance/Maintain Objective

< Maintenance and repair for a reliable distribution system	< Cross Connection Control Tech	\$ 31,800
	< Staff Assistant	(37,600)
	< 3/4 ton truck	37,800
	< Tools	2,000
< Distribution of clean and safe water	< Laborer	23,000
Meet all State and Federal drinking water standards	< Temporary Laborer	(19,100)
	< Principal Account Clerk	28,200
	< Water Conservation Representative	(33,400)
	< Equipment	3,300
	< Supplies	5,000
< Maintain sufficient ground and surface water	< Instrumentation Tech	31,900
	< Staff Assistant	(37,600)
	< Tools	1,000
< Increase total acre foot water recharged	< United States Bureau of Reclamation contract for recharge water	1,098,300
	< Attorney's fees	155,000
< Maintain current level of service	< Rate increase of eight percent from \$24.22 to \$26.15 per bill	2,487,900

DEPARTMENT OF PUBLIC UTILITIES

Water Division Performance Measures

Performance measures tied to the objectives and other significant service level estimates for FY 01 and Adopted for FY 02 are presented in the following table.

	FY 01 Estimates	FY 02 Adopted
State backflow regulations compliance	n/a	0 violations
Timely post PeopleSoft cost accounting information	n/a	21
Successful SCADA radio communication	n/a	95 percent
Average cost to install 10"-14" wet ties	3,500	3,500
Total acre feet water recharged	54,000	60,000

Division Appropriations

Council approved the creation of "Budget Hold" contingencies as part of the Adopted budget. Ten percent of an organizational unit's appropriations were reclassified from the Personnel and Non-Personnel object levels into Contingency. It is anticipated that the appropriations will be reclassified back into the Personnel and Non-Personnel object levels upon Council direction, subsequent to further review and evaluation of anticipated revenues to be collected.

Expenditure Category	FY 00 Actuals	FY 01 Amended	FY 02 Adopted	Percent Change
Employee Services	\$ 6,729,300	\$ 7,405,100	\$ 7,135,100	
Purchased Prof and Tech	1,213,100	1,416,100	1,419,600	
Purchased Property Services	5,472,700	5,441,200	6,489,200	
Other Purchased Services	67,400	105,100	91,800	
Supplies	1,316,700	1,161,400	1,579,300	
Property	188,000	151,000	76,900	
Other Objects	5,557,000	6,151,400	7,082,600	
Interdepartmental Charges	4,156,100	4,916,100	2,669,200	
Contingencies	0	936,900	2,896,800	
Total Division Costs	\$ 24,700,300	\$ 27,684,300	\$ 29,440,500	6.3

DEPARTMENT OF PUBLIC UTILITIES

Water Division Staffing and Costing

The table shows the FY 02 Full-Time Equivalent (FTE) authorized permanent and temporary positions for the division. For most divisions, the employee services expenditure category will not match this total. The reason is that this report shows a list and the cost of the permanent and temporary positions in this division; it does not include costs for overtime, premium pay, contract extra help, etc., which are included in the employee services total for each division. The "Adopted Average" column reflects the average cost per Adopted FTE position(s) as budgeted. The Type column indicates "F" for Full-time, "P" for Part-time, "I" for Intermittent, and "T" for Temporary.

This section identifies staffing allocated to various City capital projects. The appropriations indicated are funded in various City capital projects (located in the capital portion of each department budget), and are shown here only for presentation and reporting purposes.

Type	Job Title	FY 01 FTE	FY 02 FTE	Adopted Average
F	Account Clerk II	4.00	4.00	\$ 28,300
F	Accountant-Auditor II	1.00	1.00	48,300
F	Administrative Clerk II	2.00	2.00	23,900
F	Chief of Water Operations	1.00	1.00	75,000
F	Cross Connection Control Tech	4.00	4.75	38,100
F	Customer Services Clerk II	1.00	1.00	26,000
F	Electrician	4.00	4.00	52,900
F	Engineering Technician II	1.00	1.00	42,900
F	Heavy Equipment Operator	2.00	2.00	50,300
F	Ind./Comm. Water Conservation Rep	1.00	1.00	48,000
F	Instrumentation Specialist	4.00	4.00	48,900
F	Instrumentation Technician	0.00	0.75	36,300
F	Laborer	17.00	17.75	26,000
F	Landscape Water Conservation Specialist	2.00	2.00	46,900
F	Management Analyst II	1.00	1.00	48,400
F	Management Analyst III	1.00	1.00	66,200
F	Principal Account Clerk	0.00	0.75	31,600
F	Professional Engineer	2.00	2.00	66,100
F	Safety Specialist	1.00	1.00	38,100
F	Senior Account Clerk	1.00	1.00	33,100
F	Senior Administrative Clerk	2.00	2.00	28,500
F	Senior Engineering Technician	1.00	1.00	49,900
F	Senior Secretary	1.00	1.00	32,100
F	Senior Storeskeeper	1.00	1.00	38,600
F	Senior Water System T & D Control Specialist	1.00	1.00	58,400
F	Senior Water Treatment Operator	1.00	1.00	35,300
F	Staff Assistant	4.00	2.00	36,400
F	Storeskeeper	1.00	1.00	35,000
F	Supervising Engineering Technician	1.00	1.00	65,800
F	Water Conservation Rep	3.00	2.00	27,400
F	Water Conservation Supervisor	1.00	1.00	52,800
F	Water Production Supervisor I	3.00	3.00	60,600

DEPARTMENT OF PUBLIC UTILITIES

Water Division Staffing and Costing (continued)

Type	Job Title	FY 01 FTE	FY 02 FTE	Adopted Average
F	Water Resource Analyst	1.00	1.00	64,500
F	Water System T & D Control Specialist	3.00	3.00	52,100
F	Water System Manager	1.00	1.00	86,000
F	Water System Operator I	38.00	38.00	33,600
F	Water System Operator II	33.00	33.00	40,100
F	Water System Operator III	6.00	6.00	49,900
F	Water System Supervisor I	3.00	3.00	55,100
F	Water Treatment Operator Supervisor	1.00	1.00	52,300
T	Administrative Clerk I	1.50	1.50	20,600
T	Engineering Technician I	0.85	0.75	31,300
T	Information Services Aide I	3.00	0.00	0
T	Laborer	4.00	0.00	0
T	Staff Assistant	2.25	2.25	29,900
Total Division FTEs		167.60	160.50	

Public Utilities

DEPARTMENT OF PUBLIC UTILITIES



DEPARTMENT OF PUBLIC UTILITIES

SOLID WASTE MANAGEMENT DIVISION

The Solid Waste Management Division is responsible for collecting and processing the City's municipal waste. Functions include managing residential and commercial waste, recycling and green waste collection, processing and marketing of green waste, and contract oversight of a material recovery facility. The Division is also responsible for closure of the City's landfill and associated long-term groundwater remediation.

Division Appropriation and Position Summary

	<u>FY 00 Actuals</u>	<u>FY 01 Amended</u>	<u>FY 02 Adopted</u>
Operating	\$32,111,100	\$32,757,500	\$36,209,000
Total FTEs	181.49	197.79	202.04

Objective

Items Adopted to Enhance/Maintain Objective

< Maintain collection services in compliance with OSHA regulations and to meet customer demands	< Two Laborers	\$ 66,900
	< OSHA and building improvements	120,000
	< Storage room remodel	59,600
< Meet Regional Water Quality Testing Standards for the City's landfill	< Water testing and DTSC oversight	74,500
< Increase recycling diversion	< One Staff Assistant	28,200
	< Vehicle depreciation	770,000
< Meet grant requirements to provide public education and curbside oil collection services	< Public relations, printing, and postage	161,400
< Respond to customer service requests and reduce customer complaints	< Account Clerk	24,000
	< Administrative Clerk	20,700
	< Management Analyst II	48,500
	< Heavy Equipment Operator	43,330
	< ARC labor contract	210,000
	< Tipping fees	424,500
	< GPS, radio channels	192,600
	< Vehicles and equipment	378,400
	< Heavy equipment	826,700

DEPARTMENT OF PUBLIC UTILITIES

Solid Waste Division Performance Measures

Performance measures tied to the objectives and other significant service level estimates for FY 01 and Adopted for FY 02 are presented in the following table.

	FY 01 Estimates	FY 02 Adopted
Replacing/repair containers	1,000	1,000
Recycling tonnage collected	32,000	36,000
Regional Water Quality Test Standards	n/a	100 percent
Respond to customer service requests	94,100	80,000
Comply with grant requirements	n/a	100 percent

Division Appropriations

Council approved the creation of "Budget Hold" contingencies as part of the Adopted budget. Ten percent of an organizational unit's appropriations were reclassified from the Personnel and Non-Personnel object levels into Contingency. It is anticipated that the appropriations will be reclassified back into the Personnel and Non-Personnel object levels upon Council direction, subsequent to further review and evaluation of anticipated revenues to be collected.

Expenditure Category	FY 00 Actuals	FY 01 Amended	FY 02 Adopted	Percent Change
Employee Services	\$ 8,993,900	\$ 9,860,300	\$ 9,657,400	
Purchased Prof and Tech	3,833,400	2,499,400	1,057,500	
Purchased Property Services	31,000	56,800	72,300	
Other Purchased Services	12,700	56,500	51,500	
Supplies	123,600	167,400	178,500	
Property	335,200	367,000	818,000	
Other Objects	10,315,800	9,079,200	10,828,900	
Interdepartmental Charges	8,465,500	10,504,200	9,984,700	
Contingencies	0	166,700	3,560,200	
Total Division Costs	\$ 32,111,100	\$ 32,757,500	\$ 36,209,000	10.5

The above appropriations include lease payments totaling \$174,300 for equipment.

DEPARTMENT OF PUBLIC UTILITIES

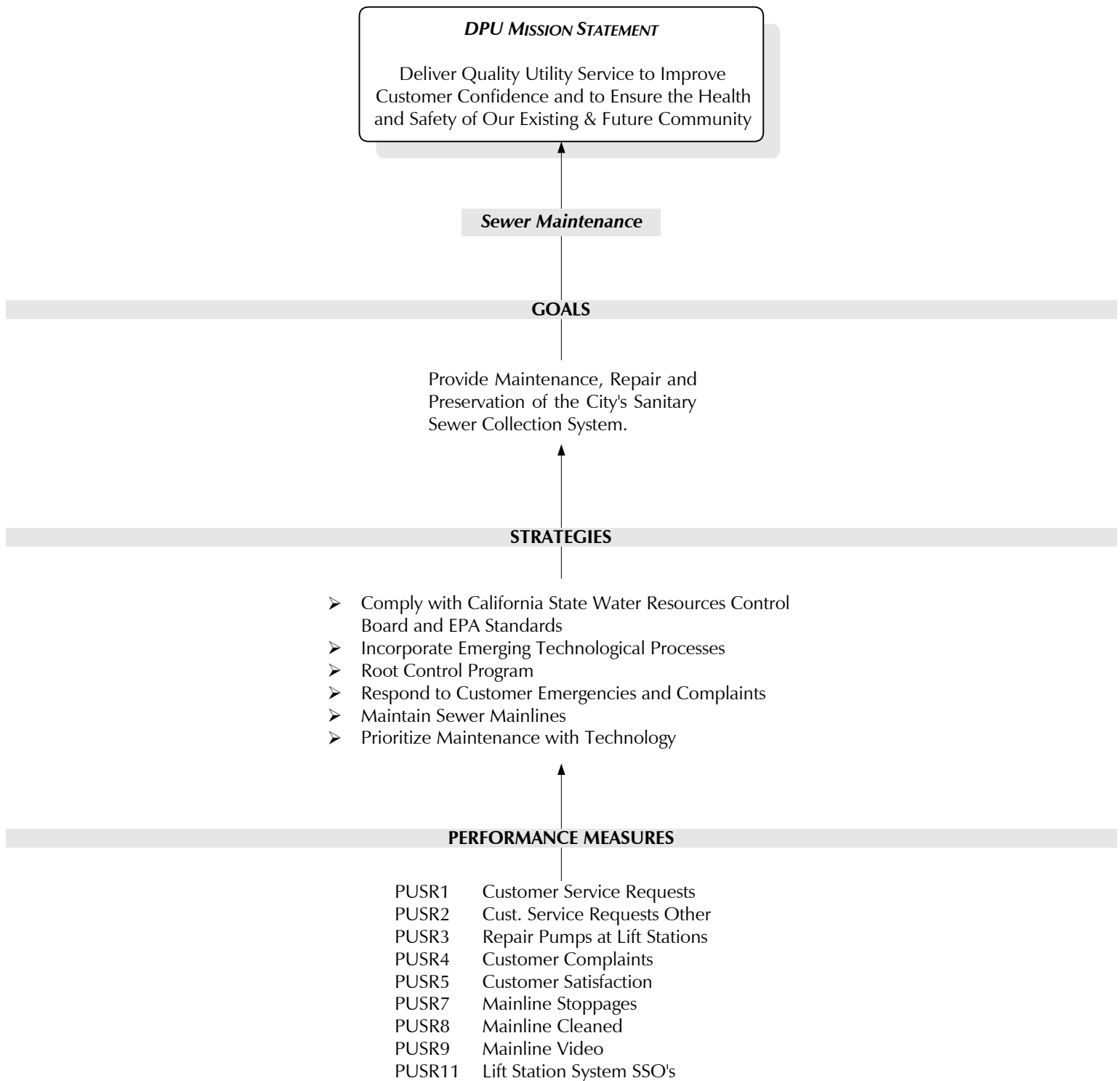
Solid Waste Division Staffing and Costing

The table shows the FY 02 Full-Time Equivalent (FTE) authorized permanent and temporary positions for the division. For most divisions, the employee services expenditure category will not match this total. The reason is that this report shows a list and the cost of the permanent and temporary positions in this division; it does not include costs for overtime, premium pay, contract extra help, etc., which are included in the employee services total for each division. The "Adopted Average" column reflects the average cost per Adopted FTE position(s) as budgeted. The Type column indicates "F" for Full-time, "P" for Part-time, "I" for Intermittent, and "T" for Temporary.

Type	Job Title	FY 01 FTE	FY 02 FTE	Adopted Average
F	Account Clerk II	4.00	4.75	\$ 27,400
F	Administrative Clerk I	2.00	2.75	22,900
F	Administrative Clerk II	5.00	5.00	24,400
F	Chief of SW Operations	1.00	1.00	60,600
F	Construction Equip Operator	1.00	1.00	54,400
F	Heavy Equipment Operator	0.00	0.75	37,200
F	Laborer	5.00	6.50	25,000
F	Management Analyst II	1.00	1.75	45,500
F	Management Analyst III	1.00	1.00	66,200
F	Principal Account Clerk	1.00	1.00	34,800
F	Programmer/Analyst III	1.00	1.00	49,100
F	Radio Dispatcher	1.00	1.00	31,600
F	Recycling Coordinator	1.00	1.00	49,300
F	Secretary	1.00	1.00	33,700
F	Senior Account Clerk	1.00	1.00	33,100
F	Senior Administrative Clerk	3.00	3.00	28,200
F	Solid Waste Bin Inspector	1.00	1.00	36,200
F	Solid Waste Manager	1.00	1.00	92,400
F	Solid Waste Management Supervisor I	7.00	7.00	49,400
F	Senior Waste Container Maintenance Worker	1.00	1.00	39,700
F	Staff Assistant	1.00	1.75	31,500
F	SW Safety & Training Specialist	1.00	1.00	38,500
F	Waste Collector II	38.00	38.00	30,600
F	Waste Collector Leadworker	110.00	110.00	34,600
F	Waste Container Maintenance Assistant	4.00	4.00	29,400
F	Waste Container Maintenance Worker	2.00	2.00	36,700
T	Information Services Aide I	0.90	0.90	27,000
T	Laborer	1.38	0.38	23,600
T	Service Worker II	0.51	0.51	11,600
Total Division FTEs		197.79	202.04	

Public Utilities

DEPARTMENT OF PUBLIC UTILITIES



DEPARTMENT OF PUBLIC UTILITIES

SEWER MAINTENANCE DIVISION

Sewer Maintenance Division is responsible for the maintenance, repair and preservation of the City's sanitary sewer collection system, which consists of 1400 miles of sewer mains and 14-lift stations.

Division Appropriation and Position Summary

	<u>FY 00 Actuals</u>	<u>FY 01 Amended</u>	<u>FY 02 Adopted</u>
Operating	\$4,984,800	\$4,933,700	\$5,437,900
Total FTEs	41.00	41.00	41.00

Objective

- < Increase the number of miles cleaned while improving safety and quality of service
- < Improve customer satisfaction
- < Reduce number of sanitary system overflows
- < Increase miles of video inspections

Items Adopted to Enhance/Maintain Objective

- < ADS Environmental Consulting Services \$ 70,000
- < Travel, training, and conference 24,200
- < Customer education materials 3,900
- < Computer equipment and software 1,000
- < Software, server, and workstation 11,500
- < Computer and cabinet 9,800

Public Utilities

Performance Measures

Performance measures tied to the objectives and other significant service level estimates for FY 01 and Adopted for FY 02 are presented in the following table.

	<u>FY 01 Estimates</u>	<u>FY 02 Adopted</u>
Sewer main lines cleaned	1,094	1,300
Customer satisfaction	94.5 percent	96 percent
Lift Station Sanitary System Overflows prevented	99 percent	100 percent
Sewer mainline video inspected	82 percent	90 percent

DEPARTMENT OF PUBLIC UTILITIES

Sewer Maintenance Division Appropriations

Council approved the creation of "Budget Hold" contingencies as part of the Adopted budget. Ten percent of an organizational unit's appropriations were reclassified from the Personnel and Non-Personnel object levels into Contingency. It is anticipated that the appropriations will be reclassified back into the Personnel and Non-Personnel object levels upon Council direction, subsequent to further review and evaluation of anticipated revenues to be collected.

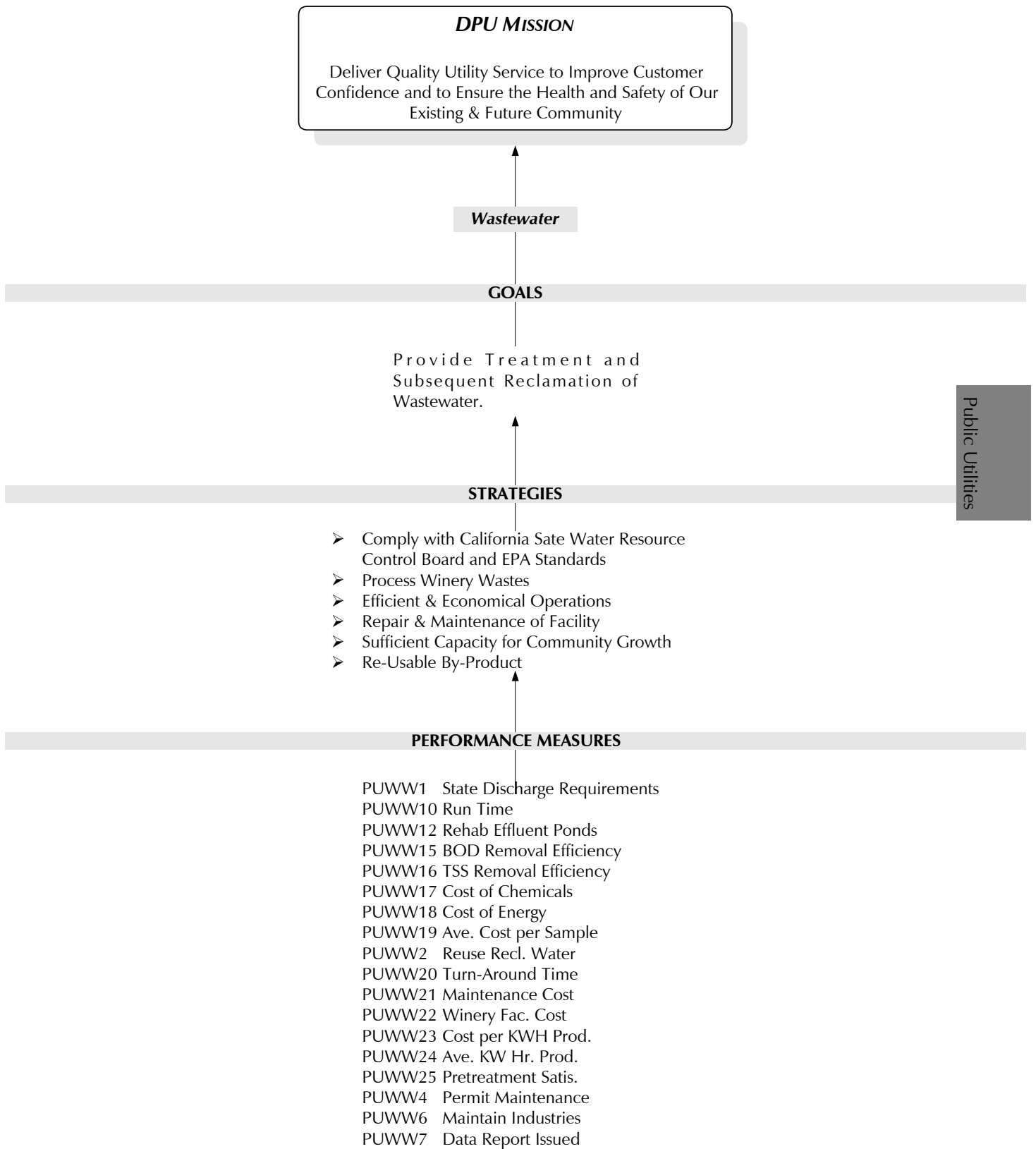
Expenditure Category	FY 00 Actuals	FY 01 Amended	FY 02 Adopted	Percent Change
Employee Services	\$ 1,803,200	\$ 1,919,800	\$ 1,829,000	
Purchased Prof and Tech	41,000	5,600	85,000	
Purchased Property Services	78,300	79,000	131,500	
Other Purchased Services	9,300	24,600	24,800	
Supplies	44,500	48,300	62,000	
Property	2,000	0	0	
Other Objects	1,004,200	1,138,300	1,222,800	
Interdepartmental Charges	2,002,300	1,718,100	1,554,000	
Contingencies	0	0	528,800	
Total Division Costs	\$ 4,984,800	\$ 4,933,700	\$ 5,437,900	10.2

Division Staffing and Costing

The table shows the FY 02 Full-Time Equivalent (FTE) authorized permanent and temporary positions for the division. For most divisions, the employee services expenditure category will not match this total. The reason is that this report shows a list and the cost of the permanent and temporary positions in this division; it does not include costs for overtime, premium pay, contract extra help, etc., which are included in the employee services total for each division. The "Adopted Average" column reflects the average cost per Adopted FTE position(s) as budgeted. The Type column indicates "F" for Full-time, "P" for Part-time, "I" for Intermittent, and "T" for Temporary.

Type	Job Title	FY 01 FTE	FY 02 FTE	Adopted Average
F	Account Clerk II	1.00	1.00	\$ 26,000
F	Administrative Clerk II	1.00	1.00	23,900
F	Heavy Equipment Operator	2.00	2.00	43,000
F	Laborer	3.00	3.00	25,800
F	Management Analyst II	1.00	1.00	48,400
F	Principal Account Clerk	1.00	1.00	34,800
F	Sewer Leadworker	14.00	14.00	36,000
F	Sewer Maintenance Manager	1.00	1.00	70,800
F	Sewer Maintenance Supervisor I	2.00	2.00	39,900
F	Sewer Worker II	15.00	15.00	32,000
Total Division FTEs		41.00	41.00	

DEPARTMENT OF PUBLIC UTILITIES



DEPARTMENT OF PUBLIC UTILITIES

WASTEWATER MANAGEMENT DIVISION

The Wastewater Management Division is responsible for the treatment and subsequent reclamation of wastewater generated in the Fresno-Clovis Metropolitan Area. Activities are in accordance with standards for disposal and use of reclaimed water and residuals established by the California State Water Resources Control Board and the Environmental Protection Agency (EPA).

Division Appropriation and Position Summary

	<u>FY 00 Actuals</u>	<u>FY 01 Amended</u>	<u>FY 02 Adopted</u>
Operating	\$19,225,200	\$21,077,500	\$21,324,200
Total FTEs	144.52	124.02	117.51

Objective

- < Maintain Power Generation Facility run time
- < Maintain current level of effluent pond rehabilitation
- < Perform required Treatment Facility maintenance
- < Meet State discharge requirements

Items Adopted to Enhance/Maintain Objective

- < Fuel \$ 65,000
- < Automatic blade control system 20,100
- < Equipment 70,500
- < Travel and training 70,500
- < Computers and software 10,400

Performance Measures

Performance measures tied to the objectives and other significant service level estimates for FY 01 and Adopted for FY 02 are presented in the following table.

	<u>FY 01 Estimates</u>	<u>FY 02 Adopted</u>
Run time	85	85
Effluent ponds rehabilitated annually	33	33
Maintenance cost of Treatment Facility per million gallons	90	90
Meet state discharge requirements	100 percent	100 percent
Pretreatment satisfaction rating	4	4

DEPARTMENT OF PUBLIC UTILITIES

Wastewater Management Division Appropriations

Council approved the creation of "Budget Hold" contingencies as part of the Adopted budget. Ten percent of an organizational unit's appropriations were reclassified from the Personnel and Non-Personnel object levels into Contingency. It is anticipated that the appropriations will be reclassified back into the Personnel and Non-Personnel object levels upon Council direction, subsequent to further review and evaluation of anticipated revenues to be collected.

Expenditure Category	FY 00 Actuals	FY 01 Amended	FY 02 Adopted	Percent Change
Employee Services	\$ 6,468,900	\$ 6,168,800	\$ 6,181,300	
Purchased Prof and Tech	1,243,800	1,901,300	1,826,500	
Purchased Property Services	2,730,400	3,037,800	3,595,200	
Other Purchased Services	50,400	67,000	71,600	
Supplies	2,205,000	2,423,500	2,298,900	
Property	56,400	14,000	21,200	
Other Objects	3,395,200	3,867,700	4,157,900	
Interdepartmental Charges	3,075,100	3,097,400	1,093,800	
Contingencies	0	500,000	2,077,800	
Total Division Costs	\$ 19,225,200	\$ 21,077,500	\$ 21,324,200	1.2

Public Utilities

Division Staffing and Costing

The table shows the FY 02 Full-Time Equivalent (FTE) authorized permanent and temporary positions for the division. For most divisions, the employee services expenditure category will not match this total. The reason is that this report shows a list and the cost of the permanent and temporary positions in this division; it does not include costs for overtime, premium pay, contract extra help, etc., which are included in the employee services total for each division. The "Adopted Average" column reflects the average cost per Adopted FTE position(s) as budgeted. The Type column indicates "F" for Full-time, "P" for Part-time, "I" for Intermittent, and "T" for Temporary.

This section identifies staffing allocated to various City capital projects. The appropriations indicated are funded in various City capital projects (located in the capital portion of each department budget), and are shown here only for presentation and reporting purposes.

Type	Job Title	FY 01 FTE	FY 02 FTE	Adopted Average
F	Account Clerk II	2.00	1.00	\$ 30,100
F	Administrative Clerk II	1.00	1.00	22,800
F	Assistant Chief of WW Treatment Operations	2.00	2.00	62,100
F	Chief of WWTP Environ Services	1.00	1.00	65,300
F	Chief of WWTP Facilities Maintenance	1.00	1.00	72,900
F	Chief of WWTP Operations	1.00	1.00	70,300
F	Customer Services Clerk II	1.00	1.00	30,100

DEPARTMENT OF PUBLIC UTILITIES

Wastewater Management Division Staffing and Costing (continued)

Type	Job Title	FY 01 FTE	FY 02 FTE	Adopted Average
F	Electrician	6.00	5.00	52,900
F	Electrician Supervisor I	1.00	1.00	64,400
F	Engineering Technician II	1.00	1.00	37,100
F	Environmental Control Officer	5.00	5.00	48,000
F	Equipment Service Worker II	2.00	2.00	32,200
F	Heavy Equipment Operator	4.00	4.00	42,000
F	Industrial Waste Inspector	4.00	4.00	39,600
F	Inorganic Chemist	1.00	1.00	48,800
F	Laboratory Supervisor	1.00	1.00	60,400
F	Laboratory Technician II	7.34	7.17	43,600
F	Laborer	7.34	6.17	27,600
F	Management Analyst III	1.00	1.00	58,800
F	Painter	3.00	2.00	46,500
F	Parks Maintenance Worker II	1.00	1.00	34,600
F	Power Gen Operator/Mechanic	7.00	7.00	41,500
F	Power Gen System Supervisor	1.00	1.00	66,200
F	Principal Account Clerk	1.00	1.00	36,500
F	Professional Engineer	1.00	1.00	62,600
F	Property Maintenance Worker II	1.00	1.00	36,800
F	Safety Specialist	1.00	1.00	38,100
F	Secretary	1.00	0.00	0
F	Senior Account Clerk	1.00	1.00	33,100
F	Senior Administrative Clerk	1.00	1.00	30,500
F	Senior Laboratory Technician	2.00	2.00	45,400
F	Senior Secretary	1.00	1.00	37,100
F	Senior Heavy Equipment Operator	1.00	1.00	46,300
F	Senior Water System T & D Control Specialist	1.00	1.00	58,400
F	Senior WWTP Operator	9.00	9.00	48,800
F	Storeskeeper	1.00	1.00	35,000
F	Supervisor Environ Control Officer	2.00	2.00	56,300
F	Wastewater Distributor	1.00	1.00	31,500
F	Wastewater Manager	1.00	1.00	85,400
F	Water System T & D Control Specialist	4.00	3.00	52,900
F	WWTP Lead Mechanic	2.00	2.00	41,400
F	WWTP Maintenance Supervisor	2.00	2.00	60,600
F	WWTP Mechanic II	7.34	7.17	40,600
F	WWTP Operator II	15.00	15.00	39,600
F	WWTP Reclamation Coordinator	1.00	1.00	49,300
T	Heavy Equipment Operator	3.00	3.00	35,400
T	Laborer	1.00	1.00	23,600
T	Power Gen Operator/Mechanic	1.00	1.00	36,500
Total Division FTEs		124.02	117.51	

CAPITAL PROJECT DETAIL

DEPARTMENT OF PUBLIC UTILITIES

Water Division Capital Improvement Projects

FY 02 Funding Source	Project ID	Project Description		FY 2001 Estimated
DBCP Recovery	WC00020	Granular Activated Carbon	\$	581,300
DBCP Recovery	WC00021	Surface Water Treatment Plant		3,300
DBCP Recovery	WC00028	DBCP Recovery		0
Total			\$	584,600
UGM Water Area 201S	WC00016	Water Well Construction	\$	38,700
UGM Water Area 301S	WC00016	Water Well Construction		10,800
UGM Water Area 101S	WC00016	Water Well Construction		324,200
Total			\$	373,700
Water Connection Charge	WC00002	Serv/Meter Install 2" or Less	\$	520,700
Water Connection Charge	WC00006	Serv/Meter Install Above 2"		355,800
Water Connection Charge	WC00009	Wet-tie 8"		49,200
Water Connection Charge	WC00010	Wet-tie 12"		14,200
Water Connection Charge	WC00011	Wet-tie 14"		7,900
Water Connection Charge	WC00014	Combined/multiple installation		303,500
Total			\$	1,251,300
Water Enterprise	MC02001	Federal Courthouse Project	\$	0
Water Enterprise	WC00001	Fire Hydrant Installations		20,000
Water Enterprise	WC00003	Poly-B Service Replacements		500,000
Water Enterprise	WC00004	Water Main Extensions		1,214,000
Water Enterprise	WC00005	Water Main Renewal		250,000
Water Enterprise	WC00015	Water Well Evaluation and Development		50,000

- < The Water Division will be actively involved in engineering and administrating \$2.3 million in bond projects and various projects in the DBCP Recovery and Water Remediation Bond II funds to meet mandated coliform compliance, Citywide mitigation of groundwater contamination, and expansion of the water system to serve growth.
- < The largest single capital project will be the construction contract for the Northeast Surface Water Treatment Facility (SWTF) located at Chestnut and Behymer. Appropriations of \$8.3 million are budgeted in the DBCP Recovery Fund, \$19.3 million in the Water Remediation Bond II Fund, and \$3 million in the Water Enterprise Fund for a total of \$30.6 million.

DEPARTMENT OF PUBLIC UTILITIES

FY 2002 Adopted	FY 2003 Projected	FY 2004 Projected	FY 2005 Projected	FY 2006 Projected	Five Year Total
\$ 1,206,500	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,206,500
8,300,000	900,000	200,000	0	0	9,400,000
600,000	600,000	600,000	600,000	600,000	3,000,000
\$ 10,106,500	\$ 1,500,000	\$ 800,000	\$ 600,000	\$ 600,000	\$ 13,606,500
\$ 30,500	\$ 0	\$ 0	\$ 0	\$ 0	\$ 30,500
208,800	0	0	0	0	208,800
113,400	0	0	0	0	113,400
\$ 352,700	\$ 0	\$ 0	\$ 0	\$ 0	\$ 352,700
\$ 474,800	\$ 236,500	\$ 236,500	\$ 236,500	\$ 236,500	\$ 1,420,800
324,400	205,100	205,100	205,100	205,100	1,144,800
44,800	31,200	31,200	31,200	31,200	169,600
13,000	27,600	27,600	27,600	27,600	123,400
7,200	5,200	5,200	5,200	5,200	28,000
276,800	162,400	162,400	162,400	162,400	926,400
\$ 1,141,000	\$ 668,000	\$ 668,000	\$ 668,000	\$ 668,000	\$ 3,813,000
\$ 159,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 159,000
42,000	42,000	42,000	42,000	42,000	210,000
500,000	500,000	500,000	500,000	500,000	2,500,000
360,000	360,000	360,000	360,000	360,000	1,800,000
250,000	250,000	250,000	250,000	250,000	1,250,000
250,000	250,000	250,000	250,000	250,000	2,500,000

Public Utilities

- < The Water Connection Fee Fund is budgeted at \$1.1 million to provide for installation of water facilities and connections to the water system by Water Division staff.
- < Council approved the creation of "Budget Hold" contingencies as part of the Adopted budget. Ten percent of an organizational unit's appropriations were reclassified from the Personnel and Non-Personnel object levels into Contingency. It is anticipated that the appropriations will be reclassified back into the Personnel and Non-Personnel object levels upon Council direction, subsequent to further review and evaluation of anticipated revenues to be collected. **The Capital Projects are reported at the anticipated project amount. However, capital projects are still subject to the ten percent budget hold contingency, pending Council direction.**

DEPARTMENT OF PUBLIC UTILITIES

Water Division Capital Improvement Projects

FY 02 Funding Source	Project ID	Project Description		FY 2001 Estimated
Water Enterprise	WC00016	Water Well Construction	\$	1,016,200
Water Enterprise	WC00017	Well Rehabilitation		50,000
Water Enterprise	WC00018	Pump Rehabilitation		342,600
Water Enterprise	WC00019	Groundwater Rule Compliance		0
Water Enterprise	WC00021	Surface Water Treatment Plant		7,700
Water Enterprise	WC00022	Leaky Acres		6,700
Water Enterprise	WC00023	Water Telemetry System		303,300
Water Enterprise	WC00024	Water Yard-Expansion/Improvement		20,000
Water Enterprise	WC00025	Water Well Abandonment/Destruct		30,000
Water Enterprise	WC00027	Inventory - Materials		900,000
Water Enterprise	WC00029	Water Supply Disinfection		0
Water Enterprise	WC00030	Transmission Pipelines		0
Water Enterprise	WC00032	Booster Pump		111,000
Water Enterprise	WC00033	Recharge Facilities - Basins		53,200
Water Enterprise	WC00038	Surface Water Treatment		0
Water Enterprise	WC00039	Source Water Protection		0
Water Enterprise	WC00040	Source Water Protection-City		0
Water Enterprise	WC00041	Fluoride Injection Facility		1,000
Total			\$	4,875,700
Water Rem Bond Ph 2	WC00020	Granular Activated Carbon	\$	35,600
Water Rem Bond Ph 2	WC00021	Surface Water Treatment Plant		60,900
Water Rem Bond Ph 2	WC00029	Water Supply Disinfection		220,100
Water Rem Bond Ph 2	WC00030	Transmission Pipelines		300,400
Total			\$	617,000

- < Additional funds are proposed in water well construction to replace 11 wells and add one new well.
- < A total of \$6.7 million for the ongoing capital budget is proposed to provide necessary replacements, rehabilitations, and improvements to water facilities (wells, pumps, water mains, fire hydrants, etc.) and account for inventory in compliance with mandates.

DEPARTMENT OF PUBLIC UTILITIES

FY 2002 Adopted	FY 2003 Projected	FY 2004 Projected	FY 2005 Projected	FY 2006 Projected	Five Year Total
\$ 3,196,600	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 7,196,600
50,000	100,000	100,000	100,000	100,000	450,000
300,000	300,000	300,000	300,000	300,000	1,500,000
0	225,000	0	0	0	225,000
3,000,000	0	0	0	0	3,000,000
54,600	30,000	30,000	30,000	30,000	174,600
605,000	100,000	100,000	100,000	100,000	1,005,000
50,000	50,000	50,000	50,000	50,000	250,000
30,000	30,000	30,000	30,000	30,000	150,000
900,000	900,000	900,000	900,000	900,000	4,500,000
315,200	300,000	300,000	300,000	300,000	1,515,200
300,000	0	0	0	0	300,000
0	0	0	0	0	0
150,000	50,000	50,000	50,000	50,000	350,000
0	300,000	5,000,000	0	0	5,300,000
0	100,000	1,000,000	0	0	1,100,000
250,000	250,000	250,000	250,000	250,000	1,250,000
25,000	0	0	0	0	25,000
\$ 10,787,400	\$ 5,137,000	\$ 10,512,000	\$ 4,512,000	\$ 4,512,000	\$ 35,460,400
\$ 589,600	\$ 0	\$ 0	\$ 0	\$ 0	\$ 589,600
19,300,000	0	0	0	0	19,300,000
0	0	0	0	0	0
0	0	0	0	0	0
\$ 19,889,600	\$ 0	\$ 0	\$ 0	\$ 0	\$ 19,889,600

Public Utilities

- < One-time expenditures of \$1.1 million are proposed for SCADA improvements, source water protection projects for well sites, and abandoning and relocating water facilities for the Federal Courthouse project in downtown Fresno.
- < Council approved the creation of "Budget Hold" contingencies as part of the Adopted budget. Ten percent of an organizational unit's appropriations were reclassified from the Personnel and Non-Personnel object levels into Contingency. It is anticipated that the appropriations will be reclassified back into the Personnel and Non-Personnel object levels upon Council direction, subsequent to further review and evaluation of anticipated revenues to be collected. **The Capital Projects are reported at the anticipated project amount. However, capital projects are still subject to the ten percent budget hold contingency, pending Council direction.**

DEPARTMENT OF PUBLIC UTILITIES

Wastewater Division Capital Improvement Projects

FY 02 Funding Source	Project ID	Project Description	FY 2001 Estimated
Wasterwater Enterprise	RC00001	Sewer Trunkline Construction	\$ 1,700
Wasterwater Enterprise	RC00005	Emergency Repairs: Short Extens	108,900
Wasterwater Enterprise	RC00010	Lift Station Rehab	1,100
Wasterwater Enterprise	RC00016	DelMar/Ashlan/Marks Swr Rehab	100
Wasterwater Enterprise	RC00020	West Central Interceptor	5,500
Wasterwater Enterprise	TC00004	Laboratory Equipment	0
Wasterwater Enterprise	TC00005	UST Fuel Tank Removal/Replace	45,000
Wasterwater Enterprise	TC00014	Reclamation Well Sys(RWRF)	90,000
Wasterwater Enterprise	TC00019	WWTP Exp PH2-Offsite Effluent	0
Wasterwater Enterprise	TC00022	RWRF Energy Efficient Improvement	99,800
Wasterwater Enterprise	TC00024	Sludge Cake Storage/Drying	75,000
Wasterwater Enterprise	TC00026	RAS/WAS MCC Replacement	60,000
Wasterwater Enterprise	TC02003	Headworks Coating Repair	0
Wasterwater Enterprise	TC02004	A-Side Aeration Basin Improvements	0
Wasterwater Enterprise	TC02005	North Ave TRNK - Inplant Rehab	0
Wasterwater Enterprise	TC02006	Warehouse Furnishings	0
Wasterwater Enterprise	TC02007	A-Side Aeration Blower Rehab	0
Wasterwater Enterprise	TC02008	A-Side Final Clarifier Rehab	0
Wasterwater Enterprise	TC02009	Design for Future Capacity	0
Wasterwater Enterprise	TC02010	Digester #7 Future Capacity	0
Wasterwater Enterprise	TC02011	Capacity Expand-Satellite Plant	0
Total			\$ 487,100

- < Lab equipment instruments are Adopted at \$80,000 and will be used to provide analytical results in the waste discharge permit monitoring. It is anticipated to save at least \$33,500 in the first year from outside laboratory costs. It will also provide a more timely response to the process control staff as well as the Regional Water Quality Control Board.
- < To provide for unforeseen catastrophic repairs to the reclamation well system, \$150,000 is Adopted to cover large scale emergency repairs of equipment critical to the control of the wastewater process.

DEPARTMENT OF PUBLIC UTILITIES

FY 2002 Adopted	FY 2003 Projected	FY 2004 Projected	FY 2005 Projected	FY 2006 Projected	Five Year Total
\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
80,000	0	0	0	0	80,000
0	0	0	0	0	0
150,000	150,000	100,000	100,000	0	500,000
0	10,000,000	0	0	0	10,000,000
100,000	100,000	100,000	100,000	0	400,000
0	0	0	0	0	0
50,000	0	0	0	0	50,000
0	250,000	0	0	0	250,000
0	0	500,000	0	0	500,000
0	0	0	500,000	0	500,000
0	100,000	0	0	0	100,000
0	0	0	0	750,000	750,000
0	0	0	0	500,000	500,000
0	0	0	2,000,000	0	2,000,000
0	0	500,000	0	0	500,000
0	0	0	0	35,000,000	35,000,000
\$ 380,000	\$ 10,600,000	\$ 1,200,000	\$ 2,700,000	\$ 36,250,000	\$ 51,130,000

Public Utilities

- < RWRP Energy Efficient Improvements are Adopted to replace old equipment with more efficient equipment in an effort to reduce energy costs.
- < Council approved the creation of "Budget Hold" contingencies as part of the Adopted budget. Ten percent of an organizational unit's appropriations were reclassified from the Personnel and Non-Personnel object levels into Contingency. It is anticipated that the appropriations will be reclassified back into the Personnel and Non-Personnel object levels upon Council direction, subsequent to further review and evaluation of anticipated revenues to be collected. **The Capital Projects are reported at the anticipated project amount. However, capital projects are still subject to the ten percent budget hold contingency, pending Council direction.**

DEPARTMENT OF PUBLIC UTILITIES

Wastewater Division Capital Improvement Projects

FY 02 Funding Source	Project ID	Project Description	FY 2001 Estimated
WWTP Exp/Rew Proj Bnd	RC00004	Sanitary Sewer Monitoring Stn	\$ 100
WWTP Exp/Rew Proj Bnd	RC00005	Emergency Repairs: Short Extens	2,800
WWTP Exp/Rew Proj Bnd	RC00006	Sanitary Sewer System Preserv	200
WWTP Exp/Rew Proj Bnd	RC00007	Citywide Sewer Access (Manhole)	1,500
WWTP Exp/Rew Proj Bnd	RC00008	Ultrasonic Trunkline Assessment	100
WWTP Exp/Rew Proj Bnd	RC00010	Lift Station Rehab	135,200
WWTP Exp/Rew Proj Bnd	RC00012	15-27" Concrete Sewer	1,000
WWTP Exp/Rew Proj Bnd	RC00018	North Ave Sewer Rehab	1,306,100
WWTP Exp/Rew Proj Bnd	RC00019	East Central Interceptor	1,600
WWTP Exp/Rew Proj Bnd	RC00022	East Interceptor	12,500
WWTP Exp/Rew Proj Bnd	TC00003	12 KV Switch Gear Replacement	10,000
WWTP Exp/Rew Proj Bnd	TC00006	Process Control Automation	50,000
WWTP Exp/Rew Proj Bnd	TC00009	Digesters Rehabilitation	60,000
WWTP Exp/Rew Proj Bnd	TC00010	Primary/Secondary Treatment Ex	14,200
WWTP Exp/Rew Proj Bnd	TC00011	Groundwater Winery Stillage Di	0
WWTP Exp/Rew Proj Bnd	TC00012	Groundwater Sludge Effluent Di	0
WWTP Exp/Rew Proj Bnd	TC00013	Power Generation Facility	2,554,900
WWTP Exp/Rew Proj Bnd	TC00016	WWTP Facility Expansion Proj	460,000
WWTP Exp/Rew Proj Bnd	TC00021	WWTP Reclamation Rehab Repair	200,000
WWTP Exp/Rew Proj Bnd	TC00027	10 MVA Substation	5,000
WWTP Exp/Rew Proj Bnd	TC02001	Repair Replace Plant Paving	0
Total			\$ 4,815,200

- < The WWTP Facility Expansion Project consists of upgrading/addition of shop and warehouse space and administration facilities. There is \$3.8 million Adopted to hire a consultant to complete the facility design and to award the contract for construction.
- < A Power Generation Facility project is proposed at \$5.5 million, to construct a power substation. This will provide primary and or secondary heating and electrical sources of energy as stipulated in the waste discharge requirements.

DEPARTMENT OF PUBLIC UTILITIES

FY 2002 Adopted	FY 2003 Projected	FY 2004 Projected	FY 2005 Projected	FY 2006 Projected	Five Year Total
\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
10,000	0	0	0	0	10,000
100,000	100,000	0	0	0	200,000
100,000	0	0	0	0	100,000
0	0	0	0	0	0
100,000	100,000	0	0	0	200,000
250,000	100,000	0	0	0	350,000
5,500,000	0	0	0	0	5,500,000
3,800,000	0	0	0	0	3,800,000
300,000	300,000	0	0	0	600,000
20,000	0	0	0	0	20,000
500,000	0	0	0	0	500,000
\$ 10,680,000	\$ 600,000	\$ 0	\$ 0	\$ 0	\$ 11,280,000

Public Utilities

- < Projections for FY 03 onward are shown here for continuity purposes. Improvements in these years will need to be phased into enterprise funding sources as bond proceeds are exhausted.
- < Council approved the creation of "Budget Hold" contingencies as part of the Adopted budget. Ten percent of an organizational unit's appropriations were reclassified from the Personnel and Non-Personnel object levels into Contingency. It is anticipated that the appropriations will be reclassified back into the Personnel and Non-Personnel object levels upon Council direction, subsequent to further review and evaluation of anticipated revenues to be collected. **The Capital Projects are reported at the anticipated project amount. However, capital projects are still subject to the ten percent budget hold contingency, pending Council direction.**

DEPARTMENT OF PUBLIC UTILITIES

Wastewater Division Capital Improvement Projects

FY 02 Funding Source	Project ID	Project Description		FY 2001 Estimated
WWTP Phase I Exp Bond	RC00001	Sewer Trunkline Construction	\$	129,300
WWTP Phase I Exp Bond	TC00002	Effluent Distribution Sys-Reha		150,000
WWTP Phase I Exp Bond	TC00015	WWTP Exp PH2-Administration		2,000
WWTP Phase I Exp Bond	TC00017	WWTP Expansion PH2-Land Acquis		40,000
WWTP Phase I Exp Bond	TC00019	WWTP Exp PH2-Offsite Effluent		0
WWTP Phase I Exp Bond	TC00020	WWTP Expansion Proj Phase II		300
WWTP Phase I Exp Bond	TC00022	RWRF Energy Efficient		100
WWTP Phase I Exp Bond	TC00023	Satellite WWTP Facilities		10,000
WWTP Phase I Exp Bond	TC02002	Purchase New Raw Sewage Pump		0
Total			\$	331,700

< Funds of \$2.2 million are Adopted to rehabilitate or reconstruct the existing effluent distribution system. Work includes rehabilitating existing portions of the concrete canal system and replacing segments with pipeline. Portions of the concrete canal system are 45 years old and show extreme deterioration. In the event of failure, the only means of diverting flows is to shut down the plant. Repairs must therefore be programmed in advance of failure.

DEPARTMENT OF PUBLIC UTILITIES

FY 2002 Adopted	FY 2003 Projected	FY 2004 Projected	FY 2005 Projected	FY 2006 Projected	Five Year Total
\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
2,200,000	500,000	0	0	0	2,700,000
0	0	0	0	0	0
100,000	100,000	0	0	0	200,000
200,000	0	0	0	0	200,000
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
200,000	200,000	0	0	0	400,000
\$ 2,700,000	\$ 800,000	\$ 0	\$ 0	\$ 0	\$ 3,500,000

Public Utilities

- < Council approved the creation of "Budget Hold" contingencies as part of the Adopted budget. Ten percent of an organizational unit's appropriations were reclassified from the Personnel and Non-Personnel object levels into Contingency. It is anticipated that the appropriations will be reclassified back into the Personnel and Non-Personnel object levels upon Council direction, subsequent to further review and evaluation of anticipated revenues to be collected. **The Capital Projects are reported at the anticipated project amount. However, capital projects are still subject to the ten percent budget hold contingency, pending Council direction.**

DEPARTMENT OF PUBLIC UTILITIES

Solid Waste Division Capital Improvement Projects

FY 02 Funding Source	Project ID	Project Description	FY 2001 Estimated
Solid Waste Enterprise	GC02001	Compost Facility	\$ 0
City Landfill Closure	GC00001	Drainage, Cover & Methane Coll	1,543,100
City Landfill Closure	GC00002	Groundwater Remediation	741,300
City Landfill Closure	GC00003	Regional Park	929,200
Total			\$ 3,213,600

- < The City will complete construction of the final cap, gas collection and drainage systems and begin groundwater remediation projects at the City's landfill on Jensen Avenue. Included in this project is the construction of a regional park and sports complex. The projects and ongoing maintenance will be funded from retained earnings, payments from responsible parties, and bond proceeds.

DEPARTMENT OF PUBLIC UTILITIES

	FY 2002 Adopted	FY 2003 Projected	FY 2004 Projected	FY 2005 Projected	FY 2006 Projected	Five Year Total
\$	467,800	\$ 1,871,000	\$ 0	\$ 0	\$ 0	\$ 2,338,800
	581,900	0	0	0	0	581,900
	398,700	0	0	0	0	398,700
	527,500	0	0	0	0	527,500
\$	1,975,900	\$ 1,871,000	\$ 0	\$ 0	\$ 0	\$ 3,846,900

Public Utilities

- < To comply with the requirements of the State AB 939, the California Integrated Waste Management Act, the City is undertaking several changes to its solid waste collection and disposal procedures. Included is the design and construction of a composting facility at a Adopted cost of \$467,800. The facility will allow the City to collect green waste from customers and will be funded utilizing user fees.
- < Council approved the creation of "Budget Hold" contingencies as part of the Adopted budget. Ten percent of an organizational unit's appropriations were reclassified from the Personnel and Non-Personnel object levels into Contingency. It is anticipated that the appropriations will be reclassified back into the Personnel and Non-Personnel object levels upon Council direction, subsequent to further review and evaluation of anticipated revenues to be collected. **The Capital Projects are reported at the anticipated project amount. However, capital projects are still subject to the ten percent budget hold contingency, pending Council direction.**

DEPARTMENT OF PUBLIC UTILITIES

Sewer Division Capital Improvement Projects

FY 02 Funding Source	Project ID	Project Description	FY 2001 Estimated
Wastewater Enterprise	MC02001	Federal Courthouse Project	\$ 0
Wastewater Enterprise	RC00003	Sewer Trunk Line Enhancements	3,000
Wastewater Enterprise	RC00004	Sanitary Sewer Monitoring Stat	99,900
Wastewater Enterprise	RC00005	Emergency Repairs:Short Extens	9,200
Wastewater Enterprise	RC00006	Sanitary Sewer System Preserv	100
Wastewater Enterprise	RC00007	Citywide Sewer Access (Manhole)	0
Wastewater Enterprise	RC00008	Ultrasonic Trunkline Assessment	14,100
Wastewater Enterprise	RC00010	Lift Station Rehab	11,600
Wastewater Enterprise	RC00012	15"-27" Concrete Sewer Main Acq	0
Wastewater Enterprise	RC00013	Roeding Buss Park Sewer Infrac	621,000
Wastewater Enterprise	RC00020	West Central Interceptors	3,204,500
Wastewater Enterprise	RC00022	East Interceptors	16,700
Wastewater Enterprise	RC00023	South Interceptors	1,900
Wastewater Enterprise	RC00024	Weber Ave Construction (8-15")	750,500
Wastewater Enterprise	RC00025	East Central Rehab	1,300
Wastewater Enterprise	RC00026	West Central Rehab	1,100
Wastewater Enterprise	RC00028	East Rehab	300
Wastewater Enterprise	RC00030	Video Inspection	2,000
Wastewater Enterprise	RC00031	Trunkline Cleaning	190,000
Wastewater Enterprise	RC02001	Jensen @ Cedar 36-38" Rehab	0
Wastewater Enterprise	RC02002	North @ Chestnut 54" Rehab	0
Wastewater Enterprise	RC02003	West Central Sewer Trunk Rehab	0
Wastewater Enterprise	RC02004	East Central Sewer Trunk Rehab	0

< The City of Fresno has negotiated an agreement with the Federal Government that commits the City to relocate and/or abandon all water and sewer facilities for the Adopted Federal Courthouse project. The Federal Courthouse project Adopted for \$200,000 will provide sewer service to the courthouse and any other developments served directly or indirectly by this downtown project.

DEPARTMENT OF PUBLIC UTILITIES

	FY 2002 Adopted	FY 2003 Projected	FY 2004 Projected	FY 2005 Projected	FY 2006 Projected	Five Year Total
\$ 200,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 200,000
100,000	0	0	0	0	0	100,000
0	0	89,000	89,000	0	0	178,000
250,000	250,000	250,000	250,000	250,000	250,000	1,250,000
450,000	450,000	450,000	450,000	450,000	450,000	2,250,000
0	0	200,000	200,000	200,000	200,000	600,000
250,000	250,000	250,000	250,000	250,000	250,000	1,250,000
0	0	150,000	150,000	150,000	150,000	450,000
90,000	0	0	0	0	0	90,000
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
150,000	150,000	150,000	150,000	150,000	150,000	750,000
200,000	200,000	200,000	200,000	200,000	200,000	1,000,000
0	50,000	0	0	0	0	50,000
0	30,000	0	0	0	0	30,000
0	0	30,000	0	0	0	30,000
0	4,125,400	2,140,000	0	0	0	6,265,400

Public Utilities

- < Projections for FY 03 onward are shown here for continuity purposes. Improvements in these years will need to be phased into enterprise funding sources as bond proceeds are exhausted.
- < Council approved the creation of "Budget Hold" contingencies as part of the Adopted budget. Ten percent of an organizational unit's appropriations were reclassified from the Personnel and Non-Personnel object levels into Contingency. It is anticipated that the appropriations will be reclassified back into the Personnel and Non-Personnel object levels upon Council direction, subsequent to further review and evaluation of anticipated revenues to be collected. **The Capital Projects are reported at the anticipated project amount. However, capital projects are still subject to the ten percent budget hold contingency, pending Council direction.**

DEPARTMENT OF PUBLIC UTILITIES

Sewer Division Capital Improvement Projects

FY 02 Funding Source	Project ID	Project Description	FY 2001 Estimated
Wastewater Enterprise	RC02010	Collection System Master Plan	\$ 0
Wastewater Enterprise	RC02011	West Central Interceptor	0
Wastewater Enterprise	RC02012	East Central Interceptor	0
Wastewater Enterprise	RC02019	North Mid Dia Swr 12-24" Rehab	0
Wastewater Enterprise	RC02020	South Mid Dia Swr 12-24" Rehab	0
Total			\$ 4,927,200
WWTP Exp/Rnw Proj Bnd	RC00004	Sanitary Sewer Monitoring Stat	\$ 0
WWTP Exp/Rnw Proj Bnd	RC00006	Sanitary Sewer System Preserv	347,000
WWTP Exp/Rnw Proj Bnd	RC00007	Citywide Sewer Access (Manhole)	82,000
WWTP Exp/Rnw Proj Bnd	RC00008	Ultrasonic Trunkline Assessment	171,000
WWTP Exp/Rnw Proj Bnd	RC00010	Lift Station Rehab	52,100
WWTP Exp/Rnw Proj Bnd	RC00012	15"-27" Concrete Sewer Main Acq	4,000
WWTP Exp/Rnw Proj Bnd	RC00016	DelMar/Ashlan/Marks Sewer Rehab	275,000
WWTP Exp/Rnw Proj Bnd	RC00017	McKinley/Chestnut Sewer Rehab	275,000
WWTP Exp/Rnw Proj Bnd	RC00018	North Ave Sewer Rehab	0
WWTP Exp/Rnw Proj Bnd	RC00019	East Central Interceptors	25,500
WWTP Exp/Rnw Proj Bnd	RC00020	West Central Interceptors	0
WWTP Exp/Rnw Proj Bnd	RC00022	East Interceptors	700
WWTP Exp/Rnw Proj Bnd	RC00023	South Interceptors	200
WWTP Exp/Rnw Proj Bnd	RC00025	East Central Rehab	998,700
WWTP Exp/Rnw Proj Bnd	RC00026	West Central Rehab	600,200
WWTP Exp/Rnw Proj Bnd	RC00027	West Rehab	1,500,500
WWTP Exp/Rnw Proj Bnd	RC00028	East Rehab	1,000

< Video inspection and ultrasonic imaging show extensive consolidation of debris on the bottom of concrete sewer trunk lines. The debris will be removed ahead of sewer lines scheduled for rehabilitation resulting in lower rehab costs.

DEPARTMENT OF PUBLIC UTILITIES

FY 2002 Adopted	FY 2003 Projected	FY 2004 Projected	FY 2005 Projected	FY 2006 Projected	Five Year Total
\$ 400,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 400,000
0	1,814,000	1,090,000	1,030,000	1,030,000	4,964,000
0	1,860,000	1,011,000	1,030,000	1,030,000	4,931,000
0	0	0	3,060,000	1,030,000	4,090,000
0	0	0	1,030,000	1,030,000	2,060,000
\$ 2,090,000	\$ 9,179,400	\$ 6,010,000	\$ 7,889,000	\$ 5,770,000	\$ 30,938,400
\$ 0	\$ 89,000	\$ 0	\$ 0	\$ 0	\$ 89,000
0	0	0	0	0	0
200,000	200,000	0	0	0	400,000
0	0	0	0	0	0
150,000	150,000	0	0	0	300,000
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
1,300,000	0	0	0	0	1,300,000
0	0	0	0	0	0
6,000,000	100,000	0	0	0	6,100,000
0	0	0	0	0	0
0	0	0	0	0	0
70,000	0	0	0	0	70,000
50,000	0	0	0	0	50,000
110,000	0	0	0	0	110,000
0	0	0	0	0	0

Public Utilities

- < Structural deterioration from hydrogen sulfide gases and the maturity of the sewer infrastructure, requires the rehabilitation of concrete sewer lines and various interceptors throughout the system. The projects adopted in FY 02 continues to identify, monitor, and repair the most critical locations.
- < Council approved the creation of "Budget Hold" contingencies as part of the Adopted budget. Ten percent of an organizational unit's appropriations were reclassified from the Personnel and Non-Personnel object levels into Contingency. It is anticipated that the appropriations will be reclassified back into the Personnel and Non-Personnel object levels upon Council direction, subsequent to further review and evaluation of anticipated revenues to be collected. **The Capital Projects are reported at the anticipated project amount. However, capital projects are still subject to the ten percent budget hold contingency, pending Council direction.**

DEPARTMENT OF PUBLIC UTILITIES

Sewer Division Capital Improvement Projects

FY 02 Funding Source	Project ID	Project Description	FY 2001 Estimated
WWTP Exp/Rnw Proj Bnd	RC00030	Video Inspection	\$ 128,200
WWTP Exp/Rnw Proj Bnd	RC02002	North @ Chestnut 54" Rehab	0
WWTP Exp/Rnw Proj Bnd	RC02003	West Central Sewer Trunk Rehab	0
WWTP Exp/Rnw Proj Bnd	RC02004	East Central Sewer Trunk Rehab	0
WWTP Exp/Rnw Proj Bnd	RC02005	West Sewer Trunk Rehab	0
WWTP Exp/Rnw Proj Bnd	RC02006	East Sewer Trunk Rehab	0
WWTP Exp/Rnw Proj Bnd	RC02007	Roeding-Kearney @ West 36" New	0
WWTP Exp/Rnw Proj Bnd	RC02009	Garland @ Blackstone 24" Rehab	0
WWTP Exp/Rnw Proj Bnd	RC02020	South Mid Dia Swr 12-24" Rehab	0
WWTP Exp/Rnw Proj Bnd	TC00007	Fire Extinguisher Sys Alternator	100
		Total	\$ 4,461,100
WWTP Phase I Exp Bond	RC02001	Jensen @ Cedar 36-38" Rehab	\$ 0
WWTP Phase I Exp Bond	RC02008	Peach/Dakota/Winery 24" Rehab	0
		Total	\$ 0

DEPARTMENT OF PUBLIC UTILITIES

FY 2002 Adopted	FY 2003 Projected	FY 2004 Projected	FY 2005 Projected	FY 2006 Projected	Five Year Total
\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
1,200,000	0	0	0	0	1,200,000
400,000	0	0	0	0	400,000
400,000	0	0	0	0	400,000
400,000	0	0	0	0	400,000
400,000	0	0	0	0	400,000
800,000	0	0	0	0	800,000
400,000	0	0	0	0	400,000
0	1,311,600	0	0	0	1,311,600
0	0	0	0	0	0
\$ 11,880,000	\$ 1,850,600	\$ 0	\$ 0	\$ 0	\$ 13,730,600
\$ 2,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,000,000
2,100,000	0	0	0	0	2,100,000
\$ 4,100,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 4,100,000

Public Utilities

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